

08-26-08

1FeW



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August 20, 2008

Memorandum To: U.S. Patent and Trademark Office
Examiner: Mr. Sean Michalski
Phone: 571-272-6752
Case/Serial#: 09/741,521
Title: FILM CUTTER ASSEMBLY
Application of: VEGLIANTE et al.

From: John E. Baldwin (Phone) 800-343-6134 x206
Polyvinyl Films, Inc.
19 Depot St. - PO Box 753
Sutton, MA 01590

Dear Mr. Sean Michalski,

As an interested party, we have been following the above mentioned patent application. I called your office on August 18, 2008 and listened to your voicemail which stated you are out of the country and returning August 28, 2008. Furthermore, I took the advice of your message and contacted Mr. Ken Peterson. I asked Mr. Peterson if there was any way for our company (as an interested party) to submit evidence that we (Polyvinyl Films, Inc.) purchased Slide Cutters prior to the above application being filed. Mr. Peterson instructed me that under Section MPEP 1134.01 of the USPTO Code/CFR that a third party submission is admissible.

Enclosed please find:

1. Our Irrevocable Letter of Credit (transfer of funds) verifying that we (Polyvinyl Films, Inc) purchased Slide Cutters on our Purchase Order # 990623JC (June 23, 1999) from First American Trading Co. who was the distributor for said Slide Cutters manufactured by Handy-Age Industrial of Taiwan.
2. A facsimile stating packaging details for Slide Cutters dated June 28, 2009.
3. A facsimile stating shipping details for Slide Cutters
4. 2 Slide Cutter specimens proving prior and existing art and knowledge of said Slide Cutter composing of rail base/track and sliding blade cutting mechanism that demonstrates plastic film is held in place before, during and after cutting.

SPECIALTY FILMS FOR PACKAGING

08/26/2008 RHEBRAFT 00000047 09741521 180.00 0P
01 FC:1806

5. Copy of Patent # 4,960,022 Plastic Film Cutter (Inventor: Chuang; Kuo C.)
6. Reynolds and Saran Wraps no longer have a slide cutter in the majority of their retail plastic wraps.

Sincerely,

A handwritten signature in black ink, appearing to read "John E. Baldwin". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

John E. Baldwin
Polyvinyl Films, Inc.

**STANDBY LETTER OF
CREDIT APPLICATION**

①



BankBoston, N.A.
100 Federal Street
Trade Services
Mail Code: MA BOS 50-04-01
Boston, MA 02110

| | | |
|----------------------------|-----------|---|
| DATE 6 July 1999 | | APPLICANT'S REFERENCE NO. Purchase Order 990623JC |
| FOR BANK'S USE ONLY: | PARTY NO. | LETTER TYPE Irrevocable Transferable letter of credit |

PLEASE OPEN AN IRREVOCABLE LETTER OF CREDIT UNDER THE TERMS SET FORTH BELOW

STANDBY LETTER OF CREDIT TO BE SENT BY ☐ Express Mail/Courier ☐ Full Text Cable

| | |
|--|---|
| EXPIRY DATE 8/20/99 NO LATER THAN 5.00 <input type="checkbox"/> A.M. <input checked="" type="checkbox"/> P.M. | CITY AND COUNTRY Sutton, MA. USA |
| ADVISING BANK (If Beneficiary specifies bank) Bank of America NT & SA Trade Operations Center 6566 333 S. Beaudry Ave. 19th Floor Los Angeles, CA. 90017 Acct# 21473-00937 Acct. Name: Michael L. Picone d.b.a. First American Trading Co. | AMOUNT (Include Currency if not U.S. Dollars) \$16,723.12 USD |
| | EFFECTIVE DATE (NOT REQUIRED) |
| | GUARANTEE EXPIRY DATE (If backing guarantee:)* * This date must be 30 days prior to L/C expiry date. |
| | EXPIRY DATE (REQUIRED) 20 August, 1999 |
| Available against the beneficiary's drafts drawn at sight on BankBoston, N.A. Boston, Massachusetts | |

| | |
|--|--|
| ACCOUNT PARTY (Opener) Polyvinyl Films, INC. 19 Depot St. Sutton, MA. 01590 by John J. Connor II, Vice President | BENEFICIARY First American Trading Co. 18653 Ventura Blvd. suite 317B Tarzana, CA. 91356 |
|--|--|

JUN 29 1999

Gentleman:

We hearby authorize you to draw on Bank Boston by order of Polyvinyl Films, Inc. \$16,723.12 say US DOLLARS Sixteen thousand seven hundred twenty three and 12/100. Available by draft at sight for 100 percent at invoice value which must be accompanied by following documents which must indicate L/C number for 12", 18" and 24" cutters.

Terms irrevocable L/C against S/D and

- 3 original signed negotiable B/L made out to 'Order of Shipper'
- 3 non negotiable signed B/L made out to 'Order of Shipper' ocean freight collect to Port of Los Angeles.
- 6 copies of commercial invoice signed and certified true and correct
- 4 original copies of Certificate of Origin
- Marine & war risk covered by buyer
- No partial shipments permitted
- Item 1 (2,600) 12" cutters
- Item 2 (2,016) 18" cutters
- Item 3 (504) 24" cutters
- Delivery within 30 days of confirmed L/C as per pro forma invoice 22 June 1999

(Should additional space be required, use back of this form.)

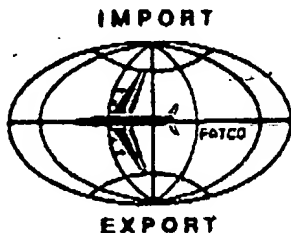
- ☐ Standby Letter Of Credit Is Transferable
- ☐ Special Instructions:

The opening of this credit, substantially in the form requested herein, is subject to the terms and conditions as set forth in the standby letter of credit and security agreement on the next page to which we agree.

Note to correspondent bank or third party obligator: please sign as applicant.

| |
|----------------------------------|
| APPLICANT (AUTHORIZED SIGNATURE) |
| APPLICANT ADDRESS |
| TELEPHONE |

(2)



First American Trading Co.

Suite 317B • 18653 Ventura Blvd. • Tarzana, California 91356 USA
Tel: 818-704-8999 • Fax: 818-594-0951

FAX COVER SHEET

TO: POLYVINYL FILMS INC.
ATTN: JACK CONNOR JR.

DATE: JUN 28, 1999
TOTAL PAGES: 1

DEAR JACK,

PLEASE NOTE THE FOLLOWING:

PACKING DETAILS FOR PLASTIC FILM CUTTERS:

12 INCH - 50pcs/INNER CTN., 4 CTN./MASTER TOTAL 200 PCS.
N.W. 37.4 LBS. G.W. 39.6 LBS. CUBE 4.5'
26 3/4" X 16.5" X 18.5"

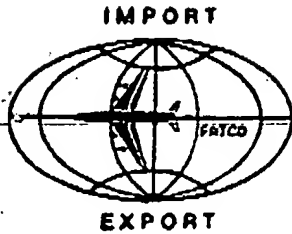
18 INCH - 24pcs/INNER CTN., 6 CTN./MASTER TOTAL 144 PCS.
N.W. 45 LBS. G.W. 49.5 LBS. CUBE 5.0'
24" X 21 1/4" X 17"

24 INCH 6 pcs./INNER CTN., 12 CTN./MASTER TOTAL 72 PCS.
N.W. 24.6 LBS. G.W. 34.8 LBS. CUBE 2.2'
29 1/8" X 9 3/4" X 13 1/8"

SINCERELY,


MICHAEL L PICONE

(3)



First American Trading Co.

Suite 317B • 18653 Ventura Blvd. • Tarzana, California 91356 USA
Tel: 818-704-8999 • Fax: 818-594-0951

FAX COVER SHEET

TO: POLYVINYL FILMS INC.
ATTN: JACK CONNOR JR.

DATE: JULY 29, 1999
TOTAL PAGES: 1

DEAR JACK,

PLEASE FIND THE FOLLOWING SHIPPING DETAILS FOR YOUR INFORMATION.

PER S.S. "HANNOVER EXPRESS V-56EF30" OF P&O LINA
E.T.D. : JULY 26, 1999
E.T.A. : AUG. 07, 1999

MY GUESS IS THAT IT WILL TAKE ABOUT 7-10 DAYS TO CLEAR CUSTOMS
AND GET THE GOODS TO SUTTON, MA.

I'LL KEEP YOU INFORMED. THANKS AGAIN.

SINCERELY,

MICHAEL L PICONE



USPTO PATENT FULL-TEXT AND IMAGE DATABASE

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(1 of 1)

United States Patent
Chuang

4,960,022
October 2, 1990

Plastic film cutter

Abstract

A plastic film cutter comprising a supporting board with its two sides provided with a plurality of clamping plates, a sliding furrow is formed upon the top of the supporting board for supporting the lower sliding seat of the slidable cutting means, and a slidable cutting means with its lower sliding seat inserted into the sliding furrow. Upon the bottom surface of the upper push button of the cutting means, there provided rollers for engaging and maintaining the plastic film in a tensioned state, the blades for cutting the plastic film are inserted into a slit formed upon the upper surface of the lower sliding seat of the cutting means.

Inventors: **Chuang; Kuo C.** (Sanchung, Taipei Hsien, TW)

Appl. No.: **07/319,769**

Filed: **March 7, 1989**

Current U.S. Class:

83/175 ; 83/614; 83/649

Current International Class:

B26D 1/01 (20060101); B26D 1/10 (20060101); B26D 7/14 (20060101); B65H 35/00 (20060101); B26D 7/08 (20060101); B26D 007/14 (); B26D 005/08 (); B26D 007/00 ()

Field of Search:

30/278,279R,280,282,314,299,294,290 83/614,175,649

References Cited [Referenced By]

U.S. Patent Documents

| | | |
|----------------|----------------|----------------|
| <u>3688625</u> | September 1972 | Thomas et al. |
| <u>3981215</u> | September 1976 | Granger et al. |
| <u>4210043</u> | July 1980 | Urion et al. |
| <u>4245536</u> | January 1981 | Urion |

4754674

July 1988

Perlman

4787284

November 1988

Chen

Foreign Patent Documents

678401

Jan., 1964

CA

445016

Dec., 1974

SU

Primary Examiner: Watts; Douglas D.*Assistant Examiner:* Heyrana, Sr.; Paul M.*Attorney, Agent or Firm:* Schwartz & Weinrieb

Claims

I claim:

1. A plastic film cutter, comprising:

means housing a supply of plastic film to be cut;

a furrow fixedly supported within the vicinity of said housing means and including an upper surface upon which a portion of said plastic film may be supported during a cutting operation;

a cutting means, including at least one cutting blade, slidably supported upon said furrow for cutting said plastic film during movement of said cutting means along said furrow from one end portion of said furrow to another end portion of said furrow; and

roller means, disposed within said cutting means and upon opposite sides of said at least one cutting blade, for engaging said plastic film disposed upon said upper surface of said furrow so as to rollably support said cutting means upon said furrow and to maintain said plastic film in a tensioned state while said at least one cutting blade cuts said plastic film.

2. A plastic film cutter as set forth in claim 1, wherein:

said means housing said supply of plastic film is a box container; and

said supply of plastic film comprises a roll of plastic film disposed within said box container.

3. A plastic film cutter as set forth in claim 2, further comprising:

a support board fixedly supporting said furrow along one edge portion of said support board; and

clamping means mounted upon said support board for clamping said support board to a sidewall portion of said box container.

4. A plastic film cutter as set forth in claim 1, wherein:

said furrow includes a substantially T-shaped slot defined within the vicinity of said upper surface thereof; and

said cutting means includes a substantially T-shaped base portion for slidable movement within said substantially T-shaped slot defined within said furrow.

5. A plastic film cutter as set forth in claim 4, further comprising:

stopper means disposed at opposite ends of said slot for retaining said cutting means within said furrow.

6. A plastic film cutter as set forth in claim 4, wherein:

said base portion of said cutting means includes two laterally spaced, upstanding wall portions having a gap defined therebetween for housing said at least one cutting blade.

7. A plastic film cutter as set forth claim 6, wherein:

said cutting means further includes an upper push-button type housing;

a central plate is provided within said housing for engaging an upper surface of said at least one cutting blade so as to maintain said at least one cutting blade between said upstanding wall portions of said base portion as a result of said central plate being accommodated within said gap defined between said upstanding wall portions; and

a pair of slots, defined upon opposite sides of said central plate within said housing, for accommodating upper portions of said upstanding wall portions of said base.

8. A plastic film cutter as set forth in claim 1, wherein:

said cutting means includes two cutting blades, each one of said two cutting blades having a cutting blade surface disposed toward opposite end portions of said furrow whereby said cutting means comprises a bi-directional cutting means capable of cutting said plastic film when said cutting means is moved in either one of two directions along said furrow.

9. A plastic film cutter as set forth in claim 8, wherein:

said roller means comprises two pairs of rollers, each pair of rollers being disposed upon opposite sides of a respective one of said cutting blades such that peripheral portions of said roller means which engage said plastic film are disposed within a common transverse plane along with portions of said cutting blades which engage said plastic film for cutting said plastic film whereby said plastic film will be maintained in said tensioned state by said roller means while said cutting blades cut said plastic film.

10. A plastic film cutter as set forth in claim 1, wherein:

said roller means comprises two pairs of rollers disposed at opposite ends of said cutting means.

Description

FIELD OF THE INVENTION

This invention relates to the field of plastic film cutters particularly suited for clamping the film upon one side of the packing box of plastic film and which can cut the plastic film bidirectionally.

BACKGROUND OF THE INVENTION

The plastic films sold in the market for keeping food fresh are shown packaged as in FIG. 1A, wherein outside of the packing box 100, there is provided a strip of cutting teeth 101. In order to use the plastic film, people have to find the starting end of the roll of plastic film, pull the film outwardly to a predetermined proper length, cause the film to contact the cutting teeth 101, and then by using the cutting teeth, tear the film gradually. During such operation, if the people do not tear the film carefully, the plastic films are always torn in an irregular manner or they tend to stick together because of static electricity. This makes people very unpleasant and feel very frustrated, and besides, it is a waste of materials. Furthermore, it is very easy for people to injure their hands due to carelessness. In order to avoid the defects mentioned above, there is also provided or known a box having a sliding cutter for the plastic film, as shown in FIG. 1B. In order to use the plastic film, the roll of plastic film is firstly put into the storage box, however, after a long period of use, the inner space of the storage box will become very dirty and will stain the plastic film which was clean originally. Moreover, as shown in FIG. 2A, the cutting blade 202 upon the push button 201 of the cutting means disposed within the storage box is formed with one cutting edge at one side, such that the plastic film can only be cut in one direction. After one cutting operation is completed, the push button 201 has to be pushed back to its original position. Furthermore, as shown in FIG. 2B, the one-sided cutting blade 202 is inserted into the push button 201 with its cutting edge inclined inwardly so as to cut the plastic film. A resisting force tending to obstruct the cutting of the plastic film will therefore naturally be developed whereby the cutting end of the plastic film will be pushed downwardly and will tend to be gathered within the vicinity of the button by means of the cutting edge of the cutting blade 202. As a result, the plastic film has to be pulled tightly against the T-shaped furrow of the cutter. If the pulling force is not sufficient, the plastic film will be gathered as described before and cannot be properly cut.

Moreover, the size of the plastic film storage box with the sliding cutter as shown in FIG. 2A is fixed and not suited for plastic films with different sizes. This is also a defect of the improved plastic film storage box provided with a sliding cutter.

OBJECT OF THE INVENTION

In view of the above mentioned defects faced by users, it is an object of this invention to provide a plastic film cutter by which the cutter will clamp itself to one side of the storage box for the plastic film. Consequently, it can be used for many plastic films having different sizes and the plastic films will be maintained clean.

SUMMARY OF THE INVENTION

According to the plastic film cutter of this invention, there are rollers disposed upon the bottom surface of the push button cutting means. Therefore, the plastic film will be pressed and pulled tightly for easily and smoothly cutting, the same such being another object of the present invention.

According to the plastic film cutter of this invention, because the plastic film will be pressed and pulled tightly during the cutting operation, the plastic film will not gather at the bottom of the cutting blade, it is very comfortable to use the cutter of this invention, and this is a further object of the present invention.

BRIEF DESCRIPTION OF THE DRAWINGS

A more complete understanding of these and other features and advantages of the present invention will

become apparent from a careful consideration of the following detailed description of certain embodiments illustrated in the accompanying drawings, in which like reference characters designate like or corresponding parts throughout the several views, and wherein:

FIGS. 1A and 1B are perspective views showing plastic film roll storage boxes with conventionally known cutting means.

FIGS. 2A and 2B are side views showing the structure of the cutter of the conventional of plastic film roll storage box.

FIG. 3A is a perspective view showing a fully assembled embodiment of the invention.

FIG. 3B shows a common method for using the present invention.

FIG. 3C is an exploded perspective view showing the components of the invention.

FIG. 3D shows the cutting means of the present invention in use.

DETAILED DESCRIPTION OF THE INVENTION

The structures and the defects of the conventional plastic film storage box as shown in FIGS. 1A, 1B and FIGS. 2A, 2B are described above.

As shown in FIG. 3A, the main part of the present invention is a supporting board 300, upon the two sides of which, there are a plurality of clamping plates 302, 303, 304, 305, 306. Between the supporting board 300 and each of the clamping plates, there is defined a gap for holding the side wall of any storage box for a plastic film roll (as shown in FIG. 3B). Upon the top edge of the supporting board 300, there is disposed a T shaped sliding furrow 307, a slidable cutting means 308 being slidably disposed within the sliding furrow 307. In order to cut the plastic film, it is simply needed to pull the free end of the plastic film and left its end be supported upon the top surface of the furrow. If a person then presses the upper surface of the push button 308A of the cutting means with a finger tip and pushes the button sliding inside the T shaped sliding furrow 307 from one end to another, then the plastic film will be cut apart from the plastic film roll for covering the foods or the like. It can cut the plastic film bi-directionally, and is very convenient to use.

Referring to FIG. 3C, on the bottom surface of the upper push button 308A of the cutting means 308, there are disposed rollers 309, 310, 311, 312 for keeping the plastic film in a tensioned or flat state, each of the two rollers being disposed upon the same axle 313 or 314 respectively, each of the two axle then being inserted into a holding seat 317 or 318 with a spring 315 or 316 being disposed interiorly of the pushbutton housing. The elastic forces of the springs will then act upon the rollers, so as to engage the plastic film by directly engaging the axles 313, 314. At the same time, when the inclined cutting edges of the cutting blades 319, 320 cut into the plastic film the rollers will engage the plastic film and tension the same because the rollers are engaged upon the upper face 321 of T-shaped sliding furrow 307. The plastic film will be held tight upon the upper surface 321 of T-shaped sliding furrow 307, and the cutting operation will be effected very well, whereby the plastic film will not gathered at the bottom of the cutting blade 319 or 320. In addition, upon each of the two ends of the T-shaped furrow 307, there is disposed a stopper 322 extending upwardly with a very small height, the upper surface of at least one of the stoppers 322 being inclined outwardly so as to enable the sliding seat 323 of the cutting means 308 to be inserted into the T-shaped furrow 307, such that after the sliding seat 323 of the cutting means 308 is pushed into the T-shaped sliding furrow, the cutting means 308 will not slide out of the furrow 307. The blades 319, 320 are inserted into the slit 324 formed within the sliding seat 323 of the cutting means

308, the outer sides of the blades then being supported by means of the clamping walls 325, 326 formed upon the sliding seat 323 respectively. As the pressing plate 329 formed at the center part of the bottom of button 308A is inserted into the gap formed between the clamping walls 325, 326, the pressing plate 329 will contact the upper edges of the blades 319, 320 and the other plates 329A, 329B, formed laterally outwardly of the pressing plate 329 engage the clamping walls 325, 326 so as to clamp the blades 319, 320 therebetween. In addition the stoppers 327, 328 formed inside the push button 308A will also press the blades 319, 320 downwardly so as to hold the blades 319, 320 fixed at their positions and prevent the blades 319, 320 from moving horizontally when the plastic film is being cut.

Referring to FIG. 3D, it can be clearly seen that the position where the blade 319 or 320 cuts the plastic film 330 is located upon the same lateral or transverse line as the position where the rollers 311, 312 engage the plastic film 330, such that the plastic film is pulled tight as it is being cut by means of the blade 319 or 320. As a result, no resistance is developed as the cutting is performed, the plastic film 330 will not gather at the bottom of the cutting edge of the blade 319, or 320, and besides, after one section of the plastic film is cut apart from the film roll by means of the blade 319, the push button 308A of cutting means 308 need not necessarily be pushed to its original position because people can use the blade 320 with its inclined cutting edge to perform another cutting operation. It is very convenient and exhibits effects which the conventional plastic film cutter did not have.

Although the present invention has been described with a certain degree of particularity, the present disclosure has been made by way of example and changes in details of structure may be made without departing from the spirit thereof.

